

Annotation:

To download the listed publications, please follow the link:

<http://www.sendspace.com/file/dwf7up>

COST E 42 BRIEF REPORT FOR IRELAND

Research Projects

Almost all research on broadleaves in Ireland is coordinated and funded by COFORD the National Council for Forest Research and Development. A full list of all relevant ongoing research is included below and is also available through the COFORD website – www.coford.ie. A more detailed description of some of the major COFORD projects is also attached. These are the BIRCH, QUALIBROAD and BROADFORM projects.

Contact with universities and other organisations in Ireland does not reveal any other major research projects. Mr Ted Horgan of Coillte (now a private company, which runs what were once the State forests) undertakes some research on the effects of shelter on the establishment of a number of broadleaved species (Phone 353 22 42695).

COFORD: 2000 - 2006 Research Projects

Reproductive Material and Forest Nurseries

[Birch](#) - Selection and improvement of Irish birch

[QualiBroad](#) - Improving the uniformity and quality of broadleaf planting

Silviculture and Forest Management

[BroadForm](#) - Silviculture of new broadleaved plantations: shaping, tending and thinning

[ContinuCover](#) - An evaluation of continuous cover forestry in Ireland

[ForVAMS](#) - Forest vegetation – alternative management systems

[NonWood](#) - Review of market opportunities for non-wood forest products

Harvesting and Transport

[SmallScaleHarv](#) - Review of harvesting systems for small-scale forestry in Ireland

Wood Products and Process Development

[EnergyUse](#) - Comparison of energy use and comfort conditions in timber-frame and traditional block-type houses

[MinorSpecies](#) - Adding value to minor species: the use of minor species in external end-use applications

[WoodEnergy](#) - Maximising the potential of wood use for energy generation in Ireland

Socio-economic Aspects of Forestry

Environmental Aspects of Forests

[**BIOFOREST**](#) - Forestry and biodiversity

[**Brackloon**](#) - Brackloon - the story of an Irish oak wood

[**CarbiFor**](#) - Carbon sequestration in Irish Forests

[**WaterAc**](#) - Forestry and the potential for surface water acidification

Publications

There are very few publications directly related to broadleaves in Ireland. Most of these have been published by COFORD in the last few years and are listed below. They may be purchased from the COFORD website – www.coford.ie. There are a number of other publications that have sections of interest related to broadleaves.

Ireland is fortunate in that most research carried out in the UK is directly relevant to Ireland. The considerable number of publications on broadleaves issued by the Forestry Commission are of direct relevance to Irish forestry. Below are listed some publications outside the COFORD site.

ANON, Code of Best Forest Practice, Forest Service, Department of Agriculture and Food, 2000.

ANON, Irish National Forest Standard, Forest Service, Department of Agriculture and Food, 2000.

ANON, Forestry Guidelines Series, (Archaeology, Aerial Fertilisation, Water Quality, Landscape, Harvesting and the Environment, Forest Biodiversity etc.), Forest Service, Department of Agriculture and Food. 2000.

Bulfin, M. Trees on the Farm, Tree Council of Ireland, 135pp, 1992

Neeson, E. A History of Irish Forestry, Lilliput Press, 1991.

COFORD: Reports & Publications

Listed below are current reports, proceedings and annual reports published by COFORD. A number are available as downloadable Adobe pdf files. If you are referencing our publications please refer to the preferred citation which is included with each publication. COFORD would welcome a copy of papers carrying citations to our publications.

If you wish to order a hard copy of any publication, please contact the COFORD website – www.coford.ie

Note: Publications are listed in chronological order of publication, the most recent appears first in each category.

The grey 'pdf' icon indicates that the publication is available as an Adobe pdf file.

The book icon indicates that a hardcopy of the publication is available.

Books

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|--------------------------|--|------------------|
| <input type="checkbox"/> |  Trees, Forests and the Law in Ireland ©
Damian McHugh and Gerhardt Gallagher | €20 +
postage |
| <input type="checkbox"/> |  A guide to forest tree species selection and silviculture in Ireland ©
Ted Horgan, Michael Keane, Richard McCarthy, Michael Lally and David Thompson (edited by Joe O'Carroll) | €30 +
postage |
| <input type="checkbox"/> |  Growing Broadleaves ©
Padraic M. Joyce
Jurgen Huss
Alistair Pfeifer
Richard McCarthy
Eugene Hendrick | €19 +
postage |
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Research Project Reports

<input type="checkbox"/>			Markets for non-wood forest products	€10
<input type="checkbox"/>			Forest road manual. Guidelines for the design, construction and management of forest roads	€40
<input type="checkbox"/>			Managing our broadleaf resource to produce quality hardwood timber	€5
<input type="checkbox"/>			Opportunities for biodiversity enhancement in plantation forests	€8
<input type="checkbox"/>			The improvement of Irish birch	€6
<input type="checkbox"/>			Guide to Irish hardwoods	€20
<input type="checkbox"/>			Market review and technical performance of Irish hardwoods	€6
<input type="checkbox"/>			Managing the impacts of forest clearfelling on stream environments	€10
<input type="checkbox"/>			Forest mammals – management and control	€10
<input type="checkbox"/>			Report on Christmas tree research 2002	€10
<input type="checkbox"/>			Factors influencing farmer participation in forestry	€10
<input type="checkbox"/>			Forestry and bird diversity in Ireland: a management and planning guide	€8
<input type="checkbox"/>			Forests and water: Proceedings of seminar	€10
<input type="checkbox"/>			A review of legislation that impacts on Irish Forestry	€6
<input type="checkbox"/>			Vegetative propagation techniques for oak, ash, sycamore and spruce	€6
<input type="checkbox"/>			Soil and site indicators for the production of high quality ash (<i>Fraxinus excelsior</i> L.)	€6
<input type="checkbox"/>			Management requirements for farm woodlands	€6
<input type="checkbox"/>			Ash and Sycamore - A review of aspects relevant to Irish forestry	€6
<input type="checkbox"/>			Survey of the market potential for small scale applications of short rotation forestry for energy in Ireland	€6
<input type="checkbox"/>			Carbon credits in Ireland: Issues and potentials	€6
<input type="checkbox"/>			A review of relevant studies concerning farm forestry trends and farmers' attitudes to forestry	€6
<input type="checkbox"/>			A Review of Legislation that Impacts on Irish Forestry© Barbara Maguire	€6 + postage
<input type="checkbox"/>			Vegetative Propagation Techniques for Oak, Ash, Sycamore and Spruce© David Thompson, Fiona Harrington, Gerry Douglas, Michael J. Hennerty Nasrin Nakhshab, Roger Long	€6 + postage

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|--------------------------|---|--|------------------|
| <input type="checkbox"/> |  | Intensive monitoring of an oak woodland in western Ireland -Development of an Irish ecological Monitoring Network (IEMN) ©
Declan Little, Gillian Boyle, Dermot Ryan and Ted Farrell
(size: 4558kb) | €6 +
postage |
| <input type="checkbox"/> |  | Soiland Site Indicators for the Production of High Quality Ash (<i>Fraxinus excelsior</i>L.) ©
Catherine Kilbride
(size: 510kb) | €6 +
postage |
| <input type="checkbox"/> |  | Ashand Sycamore - A Review of aspects relevant to Irish Forestry ©
PierreBinggeli
Brian.S. Rushton
(size: 439 kb) | €6 +
postage |
| <input type="checkbox"/> |  | Strategiesfor improvement of Forest Trees ©
Editor: Gerry.C.Douglas | €15 +
postage |

Research Publications

Irish Forestry is the journal of the Society of Irish Foresters and has been in continuous publication since 1943. It contains almost all papers on broadleaves published in Ireland. Most of these are listed separately below and the small number indicates the lack of work or information on broadleaves in Ireland. A copy of a recent Volume is shown below. A full list of papers published in the journal from inception is under construction.

Most recent issue,

Peer Reviewed Papers:

Volume production patterns in six downy birch stands in Ireland
MAARTEN NIEWENHUIS AND FRANK BARRETT

The field performance of bare-root stock compared with container stock of
western hemlock and western red cedar under Irish conditions
CONOR O'REILLY, CHARLES HARPER AND MICHAEL KEANE

A review of historical literature on the pruning (formative shaping) of
broadleaved trees from the sixteenth to the nineteenth century
MICHAEL BULFIN AND TODDY RADFORD

The impact of soil preparation method on water-table depth in Irish forest
plantations on wet mineral soils
JACQUELINE WILLS, ERIK SUNDSTROM, MAARTEN NIEUWENHUIS
AND MICHAEL KEANE

Natural regeneration within the Coillte estate
1. Occurrence and extent with respect to species and association with site factors
DERMOT O'LEARY, AINE NI DHUBHAIN AND MICHAEL KEANE

Article:

Trees, Woods and Literature - 25

Society of Irish Foresters' Annual Study Tour
Hungary - 1-7 September 2001

END

Report compiled by Michael Bulfin